

What is claimed is:

- 5 1. A method for managing adjunct access for a circuit in a network management system, the method comprising the step of:
providing a respective manageable link representing each non-managed portion of the circuit, responsive to a determination that a non-managed portion of the circuit exists.
- 10 2. The method of claim 1, wherein each respective manageable link is coupled to at least one of a Digital Cross Connect (DCS), a Light wave Guided Cross Connects (LGX), and a Distribution Drop Point (DDP).
- 15 3. The method of claim 2, wherein each respective manageable link comprises at least one of a fiber optic cable, a twisted copper pair, and a coaxial cable.
- 20 4. The method of claim 2, wherein said links comprise at least one of a digital carrier and an optical carrier.
- 25 5. A method for designing a continuous circuit, comprising the steps of:
determining whether a non-managed portion of a circuit exists; and
providing a link between each non-managed portion of the circuit and proximate managed portions of the circuit, said link being characterized as a carrier link by a network management system.
6. The method of claim 5, wherein said links are coupled to at least one of:
a Digital Cross Connect (DCS), a Light wave Guided Cross Connects (LGX), and a Distribution Drop Point (DDP).
- 30 7. The method of claim 6, wherein said links comprise at least one of:
a fiber optic cable, a twisted copper pair, and a coaxial cable.

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8. The method of claim 6, wherein said links comprise at least one of:
a digital carrier and an optical carrier.
9. A method comprising the steps of:
5 receiving a request to provision a circuit;
selecting a path for said circuit within a network comprising a
plurality of network elements;
assigning links bridging non-managed portions of said circuit path;
and
10 characterizing said assigned links as carriers.
10. The method of claim 9, further comprising the step of:
determining if cross-connect network elements exist for bridging non-
managed portions of said circuit path to managed portions of said circuit
15 path; and
assigning available cross-connect network elements to appropriate
links bridging non-managed portions of said circuit.
11. The method of claim 9, wherein said non-managed portions of said
20 network comprise at least one of adjunct access facilities or leased facilities.
12. An apparatus for designing a continuous circuit, comprising:
a processor and an associated storage device including instructions for
controlling said processor, said instructions, when executed, causing said
25 processor to perform the steps of:
determining whether a non-managed portion of a circuit exists; and
providing a link between non-managed portions of the circuit and
respective proximate managed portions of the circuit, said link being
characterized as a carrier link by a network management system.
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13. The apparatus of claim 12, wherein links are coupled to at least one of:

a Digital Cross Connect (DCS), a Light wave Guided Cross Connects (LGX), and a Distribution Drop Point (DDP).

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14. The apparatus of claim 13, wherein said links comprise at least one of:
a fiber optic cable, a twisted copper pair, and a coaxial cable.
 15. The apparatus of claim 13, wherein said links comprise at least one of:
a digital carrier, and an optical carrier.

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